Strategies for Integrating Technology into Every Class

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Introduction

• Teachers will integrate technology
  - Once the technology is easier
  - When not using it is harder
  - When someone measures their use of it
  - When it is clear that students learn more from it
  - When high-stakes tests test it
Presentation Components

- Theory
- Handouts
- Tutorials
- Samples
- Templates
## CD Handout Rationale

<table>
<thead>
<tr>
<th>Plans</th>
<th>How-tos</th>
<th>Templates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproducible Modules</td>
<td>Tutorials</td>
<td>Generic Forms</td>
</tr>
<tr>
<td>Software</td>
<td>Assessments</td>
<td>Resources</td>
</tr>
</tbody>
</table>
To Integrate Technology

• Teacher Facilitates
  - Engaged Learners
  - Real World Tasks
  - Interactive Projects
  - Collaborative Work
  - Exploration and creation of knowledge
Learners Using Technology are..

• Energized
• Motivated
• “A-buzz” with Activity and Excitement
• Responsible for their own learning
• Collaborating with Others
Relevant Learning

- Critical Thinking
- Problem Solving
- Adapting to Changing Information
- Constructing Knowledge
- Communicating with the World
- Using multiple intelligences
Integrating Technology into Every Class

- Plan for the year
- Identify objectives
- Match technology to objectives
- Target small steps
- Employ reusable modules
- Identify rubrics and assessments
To Integrate Technology

• Not every student...
  - Has to do the same thing at the same time
  - Has to do the same thing, all by themselves
  - Has to do everything, all by themselves
To Integrate Technology, it is O.K. for:

- One or more students to be assigned part of the job.
- Students to work in groups
- For tasks to be developed as projects
- For tasks to be conducted like real-life jobs
Low Tech vs. High Tech

- **Low Tech**
  - Labs
  - ILS
  - Media Centers
  - Drill
  - Electronic Page Turners

- **High Tech**
  - E-Mail
  - Projects & Presentations
  - Books and Newsletters
  - Creating Learning Materials & Graphics
  - Writing Test Questions
Models

- Hands On Models
- Projects
- Thematic Units
- Visual Communication
How-To

• Develop a Thematic Unit
• Present an Idea
• Use Templates
• Use Generic Forms
• Create Materials
Schedules and Lesson Plans

- Sample Lesson Plan
- Example of Learning Center Assignments
Students Assessments

- Report Scoring Rubric
- Presentation Scoring Rubric
- Project Scoring Rubric
- Portfolio Conference Notes
Project Assessments

- Classroom Technology Projects
- Project Plan Evaluations
- Control Elements- What is likely to go wrong?
- Multimedia Project Checklist
- Materials and Activities Evaluation
Templates

• Difference Between Templates
  - These are filled out by the teacher
• and Generic Forms
  - These are filled out by students
Templates

- Generic Reading Test Format
- Reading Think-Along Assessment
- Flexible Writing Worksheet
- DOL Template
- Current Events Worksheet
- Portfolio Conference Graphs
Generic Forms

- Graphic Organizers
- Student Fill Outs
- Spelling Tests
Generic Forms - How to Use

- Internet Material
- Storyboard for Presentations and Multimedia
- Writing Math Questions
- Brainstorming
Generic Forms - How to Use

- Assigning and Scoring Cooperative Tasks
- Assigning Jobs for Projects in Real-World Simulations
- Journal Pages
- Research/Reference Information
Demonstrations

• Converting Internet Material into Usable Materials with Macros
Thank You

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